

CLAIMS:

1. A retractable seat to be attached to a floor, comprising:
a seat cushion;
a seat back rotatably supported on the seat cushion;
a link mechanism for supporting the seat cushion on the floor, the link mechanism including a front leg and a rear leg that are pivotally connected to the seat cushion and the floor so that the seat can be switched between a use condition and a retracted condition, the front and rear legs respectively having a different link length so as to produce a difference between a rotating range of the front leg and a rotating range of the rear leg; and
a compensation mechanism for compensating for the difference between the rotating ranges of the front and rear legs within an operating range of the link mechanism.
2. A retractable seat as defined in claim 1, wherein the compensation mechanism comprises a movable connecting mechanism provided to a connecting portion of the link mechanism, the movable connecting mechanism being arranged and constructed to move the connecting portion in a longitudinal direction of the seat when the seat is changed between the use condition and the retracted condition.
3. A retractable seat as defined in claim 2, wherein the movable connecting mechanism comprises a hinge pin attached to one of the front and rear legs, and an elongated hole formed in a bracket mounted on the floor, the elongated hole slidably receiving the hinge pin.
4. A retractable seat as defined in claim 3, wherein the hinge pin is attached to the rear leg.
5. A retractable seat as defined in claim 2, wherein the movable connecting mechanism comprises a hinge pin attached to one of the front and rear legs, and an elongated hole formed in the seat cushion, the elongated hole slidably receiving the hinge pin.
6. A retractable seat as defined in claim 5, wherein the hinge pin is attached to the rear leg.
7. A retractable seat as defined in claim 2, wherein the movable connecting mechanism

comprises a link member pivotally provided between the front leg and the seat cushion.

8. A retractable seat as defined in claim 2 further comprising a restriction mechanism that can lock the movable connecting mechanism when the seat is in the use condition.

9. A retractable seat as defined in claim 8, wherein the restriction mechanism comprises a spring member that elastically force the movable connecting mechanism.

10. A retractable seat as defined in claim 1, wherein the floor is formed with a receiving recess for receiving the seat, and the rear leg is pivotally connected to the floor within the receiving recess, wherein the front leg has a link length greater than the rear leg, and wherein the link mechanism is arranged and constructed to be tilted rearwardly when the seat is changed from the use condition to the retracted condition.

11. A retractable seat as defined in claim 10, wherein the seat comprises a rear seat.

12. A retractable seat to be attached to a floor, comprising:

a seat cushion;

a seat back rotatably supported on the seat cushion;

a link mechanism for supporting the seat cushion on the floor, the link mechanism including a front leg and a rear leg that are pivotally connected to the seat cushion and the floor so that the seat can be switched between a use condition and a retracted condition, the front and rear legs respectively having a different link length so as to produce a difference between a rotating range of the front leg and a rotating range of the rear leg;

a compensation mechanism for compensating for the difference between the rotating ranges of the front and rear legs within an operating range of the link mechanism, the compensation mechanism comprising a hinge pin and an elongated hole slidably receiving the hinge pin; and

a restriction mechanism that can retain the hinge pin at a desired position within the elongated hole when the seat is in the use condition

13. A retractable seat as defined in claim 12, wherein the restriction mechanism comprises a spring member that elastically force the hinge pin.

14. A retractable seat as defined in claim 12, wherein the floor is formed with a receiving recess for receiving the seat, and the rear leg is pivotally connected to the floor within the receiving recess, wherein the front leg has a link length greater than the rear leg, and wherein the link mechanism is arranged and constructed to be tilted rearwardly when the seat is changed from the use condition to the retracted condition.

15. A retractable seat as defined in claim 14, wherein the seat comprises a rear seat.